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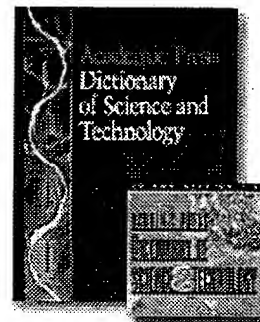
dispersion a process of scattering or separating; specific uses include: *Physical Chemistry*. a two-phase system consisting of finely divided particles (the disperse phase) distributed throughout a bulk substance (the continuous phase); for example, fog is a dispersion of liquid particles in a gas; paint is a dispersion of solid particles in a liquid. Also, **DISPERSE SYSTEM**. *Physics*. the separation of a complex wave containing several frequencies into its individual component waves by virtue of different wave speeds. *Astrophysics*. the slowing down of a radio signal's propagation velocity as it passes through an ionized gas or plasma in the interstellar medium; short frequencies are the least affected and long ones the most affected. *Electromagnetism*. the scattering of microwave radiation by an obstruction. *Mineralogy*. the characteristic and specific manner in which a monopaque mineral will refract white light. *Space Technology*. in rocketry, a deviation from the prescribed flight path. Also, **CIRCULAR DISPERSON**. *Ordnance*. **1.** see **DISPERSAL**. see **DISPERSAL**. **2.** in chemical and biological operations, the release of agents in liquid or aerosol form. in chemical and biological operations, the release of agents in liquid or aerosol form. *Military Science*. see **DISPERSAL**.

Previous Words

[disperse dye](#), [disperse phase](#), [disperse system](#), [dispersible inhibitor](#), [dispersing prism](#)

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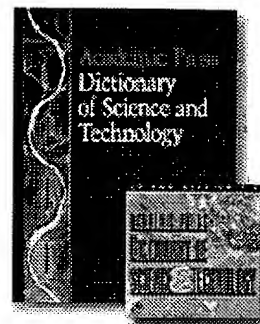
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emulsion *Chemistry.* any stable mixture of two or more immiscible liquids where one liquid (in the form of fine droplets or globules) is dispersed in the other. *Food Technology.* a practical example of this used as a sauce or flavoring; mayonnaise is an emulsion of oil in egg yolks. *Pharmacology.* a preparation of one liquid distributed throughout the body of a second, usually more palatable, liquid; e.g., cod-liver oil emulsion with malt. *Graphic Arts.* a photosensitive coating for film or printing plates, usually made of silver salts suspended in a gelatin base.

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